RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	<u>10/719,</u> 623A
Source:	IFW16
Date Processed by STIC:	11/12/04

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IFW16

RAW SEQUENCE LISTING

DATE: 11/12/2004

PATENT APPLICATION: US/10/719,623A

TIME: 09:30:43

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Output Set: N:\CRF4\11122004\J719623A.raw

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3 <110> APPLICANT: Misra and Kay
     5 <120> TITLE OF INVENTION: Trangenic Plants that are Resistant to a Broad Spectrum
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     8 <130> FILE REFERENCE: 67324-01
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/719,623A
C--> 10 <141> CURRENT FILING DATE: 2003-11-20
     10 <150> PRIOR APPLICATION NUMBER: 10/719,623
    11 <151> PRIOR FILING DATE: 2003-11-20
    13 <150> PRIOR APPLICATION NUMBER: 60/125,072
    14 <151> PRIOR FILING DATE: 1999-03-17
    16 <150> PRIOR APPLICATION NUMBER: PCT/CA00/00288
    17 <151> PRIOR FILING DATE: 2000-03-16
    19 <150> PRIOR APPLICATION NUMBER: 09/936,885
    20 <151> PRIOR FILING DATE: 2001-09-17
    22 <160> NUMBER OF SEQ ID NOS: 42
    24 <170> SOFTWARE: PatentIn Ver. 2.0
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    28 <212> TYPE: DNA
    29 <213> ORGANISM: Phyllomedusa bicolor
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    33 <222> LOCATION: (58)..(294)
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    39 Met Asp Ile Leu Lys Lys Ser Leu Phe Leu Val Leu Phe Leu Gly Leu
    40
    42 gtt tcc ctt tcc atc tgt gaa gaa gag aaa aga gaa aat gaa gat gag
                                                                        153
    43 Val Ser Leu Ser Ile Cys Glu Glu Glu Lys Arg Glu Asn Glu Asp Glu
    46 gag aaa caa gat gac gag caa agt gaa atg aag aga gct atg tgg aaa
                                                                        201
    47 Glu Lys Gln Asp Asp Glu Gln Ser Glu Met Lys Arg Ala Met Trp Lys
    48
                35
                                    40
    50 gat gtg tta aaa aaa ata gga aca gtg gcc tta cat gca gga aaa gcg
    51 Asp Val Leu Lys Lys Ile Gly Thr Val Ala Leu His Ala Gly Lys Ala
                                55
    54 gct tta ggt gca gtt gct gat aca ata agt caa gga gag caa taa
                                                                        294
    55 Ala Leu Gly Ala Val Ala Asp Thr Ile Ser Gln Gly Glu Gln
                            70
    58 agtgaaaaaa atttaaaaatt gaattactet aaatagaaca attagcaata attgtgteaa 354
    62 aaaaaaaaaa aaaaaaaaaa aaaaaaaaa
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RAW SEQUENCE LISTING DATE: 11/12/2004 PATENT APPLICATION: US/10/719,623A TIME: 09:30:43

Input Set : A:\seq listing.app

Output Set: N:\CRF4\11122004\J719623A.raw

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74 Val Ser Leu Ser Ile Cys Glu Glu Lys Arg Glu Asn Glu Asp Glu
77 Glu Lys Gln Asp Asp Glu Gln Ser Glu Met Lys Arg Ala Met Trp Lys
                               40
80 Asp Val Leu Lys Lys Ile Gly Thr Val Ala Leu His Ala Gly Lys Ala
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83 Ala Leu Gly Ala Val Ala Asp Thr Ile Ser Gln Gly Glu Gln
84 65
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87 <210> SEQ ID NO: 3
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89 <212> TYPE: PRT
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122 Ser Lys Lys Ala Ala Gly Lys Ala Ala Leu Gly Ala Val Ser Glu Ala
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125 Leu Gly Glu Gln
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RAW SEQUENCE LISTING DATE: 11/12/2004
PATENT APPLICATION: US/10/719,623A TIME: 09:30:43

Input Set : A:\seq listing.app

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PATENT APPLICATION: US/10/719,623A TIME: 09:30:43

Input Set : A:\seq listing.app

Output Set: N:\CRF4\11122004\J719623A.raw

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212 Thr Gln
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236 1 5 ·
238 Ala Leu Asn Ala Val Leu Val Gly Ala Asn Ala
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243 <211> LENGTH: 29
244 <212> TYPE: PRT
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258 <213> ORGANISM: Rana temporaria
260 <220> FEATURE:
261 <221> NAME/KEY: CDS
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264 <400> SEQUENCE: 15
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269 acc ttg aag aaa tcc ctc tta ctc ctt ttc ttc ctt ggg acc atc aac
270 Thr Leu Lys Lys Ser Leu Leu Leu Leu Phe Phe Leu Gly Thr Ile Asn
                                10
                                                    15
             5
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273 tta tct ctc tgt gag gaa gag aga gat gcc gat gaa gaa aga aga gat
274 Leu Ser Leu Cys Glu Glu Glu Arg Asp Ala Asp Glu Glu Arg Arg Asp
275 20
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277 gat ctc gaa gaa agg gat gtt gaa gtg gaa aag cga ttt ttt cca gtg
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DATE: 11/12/2004

PATENT APPLICATION: US/10/719,623A TIME: 09:30:43 Input Set : A:\seq listing.app Output Set: N:\CRF4\11122004\J719623A.raw 278 Asp Leu Glu Glu Arg Asp Val Glu Val Glu Lys Arg Phe Phe Pro Val 40 281 att qqa aqq ata ctc aat ggt att ttg gga aaa taa ccaaaaaaag 248 282 Ile Gly Arg Ile Leu Asn Gly Ile Leu Gly Lys 55 283 285 ttaaaacttt ggaaatggaa ttggaaatca tctaatgtgg aatgtcattt agctaaatgc 308 287 acatcaaatg tcttataaaa a 290 <210> SEQ ID NO: 16 291 <211> LENGTH: 61 292 <212> TYPE: PRT 293 <213> ORGANISM: Rana temporaria 295 <400> SEQUENCE: 16 296 Met Phe Thr Leu Lys Lys Ser Leu Leu Leu Phe Phe Leu Gly Thr 297 1 10 299 Ile Asn Leu Ser Leu Cys Glu Glu Glu Arg Asp Ala Asp Glu Glu Arg 25 20 302 Arq Asp Asp Leu Glu Glu Arg Asp Val Glu Val Glu Lys Arg Phe Phe 305 Pro Val Ile Gly Arg Ile Leu Asn Gly Ile Leu Gly Lys 50 55 309 <210> SEQ ID NO: 17 310 <211> LENGTH: 13 311 <212> TYPE: PRT 312 <213> ORGANISM: Rana temporaria 314 <400> SEQUENCE: 17 315 Phe Phe Pro Val Ile Gly Arg Ile Leu Asn Gly Ile Leu 5 319 <210> SEQ ID NO: 18 320 <211> LENGTH: 13 321 <212> TYPE: PRT 322 <213> ORGANISM: Rana temporaria 324 <400> SEQUENCE: 18 325 Phe Leu Pro Leu Ile Gly Arg Val Leu Ser Gly Ile Leu 5 1 329 <210> SEQ ID NO: 19 330 <211> LENGTH: 13 331 <212> TYPE: PRT 332 <213> ORGANISM: Rana temporaria 334 <400> SEQUENCE: 19 335 Leu Leu Pro Ile Val Gly Asn Leu Leu Lys Ser Leu Leu 5 10 1 339 <210> SEQ ID NO: 20 340 <211> LENGTH: 13 341 <212> TYPE: PRT 342 <213> ORGANISM: Rana temporaria

RAW SEQUENCE LISTING

344 <400> SEQUENCE: 20

349 <210> SEQ ID NO: 21

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VERIFICATION SUMMARY

DATE: 11/12/2004

PATENT APPLICATION: US/10/719,623A

TIME: 09:30:44

Input Set : A:\seq listing.app
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